

Title (en)

Timing setting device.

Title (de)

Vorrichtung zum Verstellen der Steuerzeiten.

Title (fr)

Dispositif de calage de distribution.

Publication

EP 0438720 B1 19940413 (DE)

Application

EP 90124319 A 19901215

Priority

DE 3942052 A 19891220

Abstract (en)

[origin: EP0438720A1] To obtain a structurally simple and compact construction, a device for setting the timing in a timing mechanism of an internal combustion engine, having a gear wheel (12), which is driven by the crankshaft and is arranged on a camshaft (10) for the actuation of the intake and exhaust valves, the camshaft being adjustable over a limited angle of rotation relative to the gear wheel by means of an actuating element, has as the actuating element a switchable freewheel (54) which is arranged kinematically between the gear wheel and the camshaft and, on the basis of the pulsating torques of the camshaft, makes possible an adjustment within an angle of rotation defined by stops (22). <IMAGE>

IPC 1-7

F01L 1/34

IPC 8 full level

F01L 1/34 (2006.01); **F01L 1/344** (2006.01)

CPC (source: EP)

F01L 1/34409 (2013.01)

Cited by

US6105544A; US5172660A; US5172662A; US5172658A; US5234088A; GB2248099A; GB2248099B; WO9804811A1

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